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Cc: Robert Law[rlaw@demaximis.com]; Stan Kaczmarek[StanK@demaximis.com]
From: Willard Potter
Sent: Thur 5/16/2013 5:07:21 PM
Subject: RM 10.9 Final Design RTCs
[20130506 RTC NJDEP Draft Final Design.pdf](#)
[20130506 RTC USEPA Draft Final Design.pdf](#)
[Appendix B from 20130426 NJDEP Conditional WDP Approval.pdf](#)

Stephanie:

Attached are the Response to Comments (RTCs) for both EPA and NJDEP that were uploaded on May 6th to SharePoint with the revised draft Final Design Report.

The NJDEP comments included in the conditions to the Waterfront Development Permit-equivalent are the same set of comments with the exception of two items in Appendix B (also attached).

We are assembling responses to the two conditions in Appendix B to be submitted next week to NJDEP:

1) Moffatt & Nichol has conducted a flooding evaluation utilizing the Delft 3D High Definition Model developed for the RM 10.9 Removal Area. It indicates that there is less than 1 inch of water elevation change from the RM 10.9 Removal Area cap during Hurricane Irene. This model has better definition capabilities than the HEC-RAS model but the NJDEP may not accept the model's water rise predictions. Coincidentally, Tierra's modeling consultant also utilized a Delft 3D model to evaluate flooding potential associated from the sheet piling installed around their Phase 1 Removal Area. So the Department has seen this model before and apparently accepted it.

2) CH2M Hill and Great Lakes Dredging are finalizing a revised resuspension control system utilizing silt curtains deployed around an expanded portion of the RM 10.9 Removal Area. This should satisfy the NJDEP's Section 7:13-11.15 requirements but there's no guarantee - the Department identified sheet piling as the preferred isolation mechanism to comply with this section of their regulations (similar to Tierra Phase 1 Removal).

The above-two CPG responses to NJDEP's WDF Permit-equivalent conditions will be submitted early next week. The flooding evaluation report is complete and we are waiting on Hill/GLDD for the silt curtain deployment document.

Thx,
Bill P.